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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];**
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HANKIN, Neil, A. [GB/GB];** c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **BARNES, Barrie, N. [GB/GB];** c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **MILLER, Roderick, J. [GB/GB];** c/o Philips Intellectual Property & Standards, Cross Oak Lane,

Redhill, Surrey RH1 5HA (GB). **BLACKWELL, Robin, J. [GB/GB];** c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

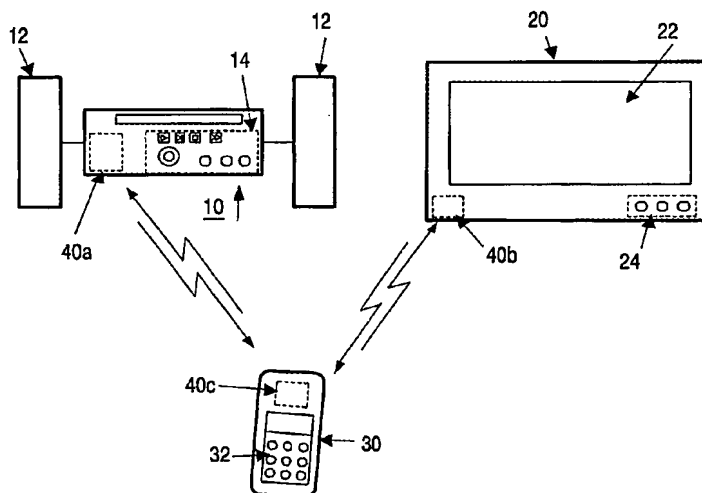
(74) Agent: **WHITE, Andrew, G.;** Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

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(54) Title: REMOTE CONTROL SYSTEM AND AUTHENTICATION METHOD



(57) Abstract: A radio frequency controlled system (10,20,30) is described in which a user's remote control (30) having a unique identifier is only accepted by a device (10, 40a) to enable remote control if authenticated. The authentication process causes the device (10, 40a) to generate and issue a key sequence which the user must input. Commands from a remote control unit (30) having the identifier are only accepted if the key sequence has been previously, and correctly input. The key sequence is issued so that only a user in close proximity of the device with direct line of sight/hearing can input it on the device. Hence, inadvertent control by a neighbours' radio frequency remote control unit is eliminated. The invention is described employing the ZigBee radio standard.

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